



## SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 5:56 AM

### Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 133 Const Calendar Day: 679 Date: 19-Jul-2011 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 05:30 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 23-Jul-11 Status: Approved

04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge

#### Weather

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:

#### Diary:

Dispute

##### Tower Activities

Electroslag welding (ESW):

Today they planned to weld the 17th ESW weld. It is on the skewed T joint that connects shear plate a1N to the North shaft. The following is a list of activities at this location:

- 2 new barrels of weld wire were brought to the site.
- At 10:30, the consumable guide was installed.
- From 10:30 until 12:30, the insulators, volts pick-ups, and cooling shoes were installed.
- From 13:00 until 13:30, QC and production went through their checklists.
- They attempted to start feeding the wire down into the consumable guide, but it got stuck. They had to pull the wire out of the guide. At this time, they determined that it was too late to disassemble the shoes, and try another start. They decided to wait until tomorrow morning to run the weld.
- The wire barrels were covered with tarps.

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9m external diaphragm welding:

- There was no welding today because the welders were pulled to work on OBG.

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Tower head:

No additional pieces of the Tower head were erected. Today was mostly an inspection day to look for other possible conflicts, and to determine shim sizes that will be needed. The following was noticed:

North chimney:

- 6 stiffener clip angles are currently conflicting. However, when the position of the chimney is shifted into its final position during final setting, more may conflict. All of them may need to be removed.
- For shim sizes, the C & D skins may need about a 3mm shim. The F plate may need about a 3mm shim.
- The North origami plate needs major re-work. It needs to be trimmed as it is currently over-sized. Also, the location of the bend in the plate needs to be modified.

South chimney:

- All stiffener clip angles have already been removed.
- For shim sizes, the C & D skins probably will not need any shims. The F plate may need about a 3mm shim.
- The South origami plate needs only minor re-work. The location of the bend in the plate needs to be modified.

East chimney:



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Job Name: 04-0120F4

Inspector Name: Wright, Doug

Diary #: 133

Date: 19-Jul-2011

Tuesday

- 11 stiffener clip angles are currently conflicting. The current position of the chimney is fairly good, so these 11 angles may be all that need to be removed.
- For shim sizes, the C & D skins probably will not need any shims. The F plate may need about a 5 or 6mm shim.
- The G1 plate is conflicting with the top of the saddle. An area (about 10mm by 100mm) was marked for future trimming.
- The East origami plate needs only minor re-work. The location of the bend in the plate needs to be modified.

West chimney:

- 5 stiffener clip angles are currently conflicting. However, when the position of the chimney is shifted into its final position during final setting, more may conflict. All of them may need to be removed.
- For shim sizes, the C & D skins may need about a 3mm shim. The F plate may need about a 3mm shim.
- The West origami plate needs only minor re-work. The location of the bend in the plate needs to be modified.

The closure plates at the bottom of each origami plate need some minor work only (mainly trimmed to fit).

04-0120F4 Bid Item: 053 T-L01-SPD.053 Tower Lift 01 Shear Plates and Diaphragms

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	JEFFERY STONE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	Alex Blanco	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	DEVAN MURPHY	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JEREMY DOLMAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JEFFERY SOUZA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	RORY HOGAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	RICHARD GARCIA	8.00	2.00	0.00	10.00		<input type="checkbox"/>